

CLAIMS

What is claimed is:

[c01] A method of providing communications services, comprising the steps of:

- receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol;
- segmenting the first data stream into segments;
- dispersing the segments via a network for subsequent processing services;
- receiving results of the processing services;
- aggregating the results of the processing services into a second data stream; and
- communicating the second data stream via the network.

[c02] A method according to claim 1, further comprising the step of receiving a request for the first data stream, the request originating from a client communications device.

[c03] A method of providing communications services, comprising the steps of:

- receiving data at a computer, the data received as packets of data packetized according to a packet protocol;
- segmenting the packets of data into segments according to a segmentation profile stored in memory;
- dispersing at least one of the segments via a network for a subsequent processing service;
- receiving results of the subsequent processing service;
- aggregating the results of the subsequent processing service; and
- communicating the aggregated results to a client communications device, wherein the aggregated results are formatted according to the segmentation profile.

- [c04] A method according to claim 3, further comprising the step of processing at least one of the segments at a network device operating in the communications network.
- [c05] A method according to claim 3, wherein the step of dispersing the segments comprises dispersing according to the segmentation profile.
- [c06] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a template, the template describing a repetitive structure of the packets of data.
- [c07] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a dynamic requirement.
- [c08] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a network performance requirement.
- [c09] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to availability of routing within the communications network.
- [c10] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to availability of the subsequent processing service.
- [c11] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a network location of the subsequent processing service.
- [c12] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a characteristic of the client communications device.

- [c13] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a security requirement.
- [c14] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a privacy requirement.
- [c15] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a Service Level Agreement.
- [c16] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a subscriber's schedule.
- [c17] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to a subscriber's presence.
- [c18] A method according to claim 3, wherein the step of segmenting the packets of data comprises segmenting according to communications network resources of which a subscriber may access.
- [c19] A system, comprising:
- a Analysis Module stored in a memory device, the Analysis Module receiving data at a computer, the data received as packets of data packetized according to a packet protocol, the Analysis Module segmenting the packets of data into segments according to a segmentation profile stored in memory, the Analysis Module dispersing at least one of the segments via a network for a subsequent processing service, the Analysis Module receiving and aggregating results of the subsequent processing service, the Analysis Module communicating the aggregated results to a client communications device, wherein the aggregated results are formatted according to the segmentation profile; and
 - a processor communicating with the memory device.

[c20] A computer program product, comprising:

- a computer-readable medium; and

- a Analysis Module stored on the computer-readable medium, the Analysis Module receiving data at a computer, the data received as packets of data packetized according to a packet protocol, the Analysis Module segmenting the packets of data into segments according to a segmentation profile stored in memory, the Analysis Module dispersing at least one of the segments via a network for a subsequent processing service, the Analysis Module receiving and aggregating results of the subsequent processing service, the Analysis Module communicating the aggregated results to a client communications device, wherein the aggregated results are formatted according to the segmentation profile.